



JAMES A. NOYES, Director

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE  
ALHAMBRA, CALIFORNIA 91803-1331

Telephone: (626) 458-5100  
www.ladpw.org

ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1460  
ALHAMBRA, CALIFORNIA 91802-1460

July 17, 2002

IN REPLY PLEASE

REFER TO FILE: **OS-2**

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Dear Supervisors:

**STATE GRANT APPLICATION  
BATTERY BACKUP SYSTEMS AT COUNTY TRAFFIC SIGNALS  
ALL SUPERVISORIAL DISTRICTS  
3 VOTES**

**IT IS RECOMMENDED THAT YOUR BOARD:**

1. Adopt the enclosed Resolution approving the Director of Public Works applying for and authorizing the acceptance of grant funding from the State Energy Resources Conservation and Development Commission for the installation of Battery Backup Systems (BBS) at various County-owned traffic signals.
2. Instruct the Director of Public Works to execute all necessary documents to implement the Resolution and to take all actions needed to undertake and complete the project.

**PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

During recent electrical outages in the County, traffic signals which are essential for the safe and orderly flow of traffic stopped operating. One solution to keep these traffic signals operating during any electrical outages is the use of BBS. Section 25403.8 of the Public Resources Code provides State grant funding to local governments for the installation of BBS at high priority traffic signals. Adoption of the enclosed Resolution is a requirement of the State Energy Resources Conservation and Development Commission (Energy Commission)

The Honorable Board of Supervisors  
July 17, 2002  
Page 2

to allow the County of Los Angeles to be eligible for the grant funding. Due to the tight deadlines and the competitiveness by other agencies for the limited funds available Statewide, we have already submitted an application to the Energy Commission. The remaining requirement of the Energy Commission for their consideration of our application is for us to forward them an adopted copy of the enclosed Resolution.

#### **Implementation of Strategic Plan Goal**

This action meets the County Strategic Plan Goal of Fiscal Responsibility by obtaining State reimbursement for proposed improvements to traffic signals at high priority intersections.

#### **FISCAL IMPACT/FINANCING**

On May 14, 2002, Synopsis 66, your Board awarded a contract to C.T. & F., Inc., for the construction of BBS at 61 intersections fully owned and maintained by the County of Los Angeles in all five Supervisorial Districts.

Your Board's adoption of the enclosed Resolution will allow the County to receive up to \$200,000 reimbursement for this work. The funding for the BBS project was included in the Fiscal Year 2001-02 Road Fund Budget.

#### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

A resolution by the governing body of an agency applying for grant funding is a requirement of the Energy Commission. County Counsel has approved the enclosed Resolution as to form.

The Honorable Board of Supervisors  
July 17, 2002  
Page 3

**IMPACT ON CURRENT SERVICES (OR PROJECTS)**

The approval of the Resolution will ensure the continued operation of traffic signals at various intersections in the event of a power outage.

**CONCLUSION**

Upon adoption, please return one copy of the Board letter and two certified copies of the Resolution to the Department of Public Works. We will transmit them to the Energy Commission for their use in considering our application for grant funding.

Respectfully submitted,

JAMES A. NOYES  
Director of Public Works

MTT:rf  
P:OSPUB/TECH/DOC02/BBS REQ STATE GRANT APP 3 VOTES.MTT.DOC

Enc.

cc: Chief Administrative Office  
County Counsel

**A RESOLUTION OF THE BOARD OF SUPERVISORS OF THE  
COUNTY OF LOS ANGELES  
APPROVING THE APPLICATION FOR GRANT FUNDS  
FROM THE STATE ENERGY RESOURCES CONSERVATION  
AND DEVELOPMENT COMMISSION FOR THE INSTALLATION  
OF BATTERY BACKUP SYSTEMS AT COUNTY TRAFFIC SIGNALS**

WHEREAS, electrical energy users within the State of California have experienced the detrimental effects of rotating electrical outages; and

WHEREAS, the potential of localized or widespread electrical outages continues; and

WHEREAS, traffic signals require electrical power to operate and are equally affected by electrical outages; and

WHEREAS, traffic signals are an essential traffic control device providing for the orderly and safe flow of traffic; and

WHEREAS, the Board of Supervisors of the County of Los Angeles previously ordered that Battery Backup Systems (BBS) be installed with traffic signals to mitigate the effects of future electrical outages; and

WHEREAS, pursuant to Public Resources Code Section 25403.8, hereinafter referred to as State law, the State Energy Resources Conservation and Development Commission hereinafter referred to as "Energy Commission" is authorized to provide grants to City, County or City, and County governments for the installation of BBS for traffic signals; and

WHEREAS, to be eligible for funding, the BBS must be used in conjunction with light emitting diode (LED) traffic signals; and

WHEREAS, the Los Angeles County Department of Public Works, hereinafter referred to as "Department of Public Works," previously improved the County traffic signals by retrofitting them with LED displays; and

WHEREAS, The Department of Public Works has submitted an application to the Energy Commission for grant funding for the installation of BBS at its highest priority traffic signals, hereinafter referred to as "Project."

NOW, THEREFORE, BE IT RESOLVED, that the Board of Supervisors of the County of Los Angeles approves the Department of Public Works' filing of applications for funding from the Energy Commission for BBS operating with LED traffic signals; and

BE IT ALSO RESOLVED, that if recommended for funding by the Energy Commission, the Board of Supervisors of the County of Los Angeles authorizes the Department of Public Works to accept a grant up to \$200,000; and

BE IT FURTHER RESOLVED, that the Director of Public Works is hereby authorized and empowered to execute in the name of the County of Los Angeles all necessary documents to implement and carry out the purpose of this Resolution and to undertake all actions necessary to complete the energy efficiency Project.

The foregoing Resolution was on the \_\_\_\_\_ day of \_\_\_\_\_, 2002, adopted by the Board of Supervisors of the County of Los Angeles and ex-officio of the governing body of all other special assessment and taxing districts, agencies, and authorities for which said Board so acts.

VIOLET VARONA-LUKENS  
Executive Officer of the  
Board of Supervisors of the  
County of Los Angeles

By \_\_\_\_\_  
Deputy

APPROVED AS TO FORM:

LLOYD W. PELLMAN  
County Counsel

By \_\_\_\_\_  
Deputy

MTT:rf  
OS PUB/TECH/DOC02/RESOLUTION FOR BATTERY BACKUP SYSTEM.WPD